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United States Department of Agriculture,

WASHINGTON, D. C., March 31, 1920.

MONTHLY LIST OF PUBLICATIONS.

[MARCH, 1920.]

READ CAREFULLY BEFORE ORDERING.

~~Do not~~ Send no remittances to the U. S. Department of Agriculture.

A copy of any of the publications listed herein, except those otherwise noted, may be obtained free upon application to the Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts.

After this department's supply is exhausted, publications can still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices noted herein.

~~Do not~~ Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

FARMERS' BULLETINS—FOR FREE DISTRIBUTION.

~~Do not~~ NOTE.—The department's supply of the current numbers of Farmers' Bulletins is ordinarily sufficient to make it possible to send them free to all applicants. They are also for sale at 5 cents per copy unless otherwise noted.

Harlequin Cabbage Bug and Its Control. By F. H. Chittenden, Entomologist in Charge, Truck-Crop Insect Investigations. Pp. 16, figs. 5. Contribution from the Bureau of Entomology. February, 1920. (**Farmers' Bulletin 1061.**) Of interest to truck growers generally.

Prickly Pear as Stock Food. By David Griffiths, Horticulturist, Office of Horticultural and Pomological Investigations. Pp. 24, figs. 8. Contribution from the Bureau of Plant Industry. March, 1920. (**Farmers' Bulletin 1072.**)

Gives directions for planting, cultivating, harvesting, and feeding prickly pear. Of interest to stock raisers in the arid regions of the southwest.

The California Oak Worm. By H. E. Burke, Specialist, and F. B. Herbert, Scientific Assistant, Forest Insect Investigations. Pp. 14, figs. 9. Contribution from the Bureau of Entomology. February, 1920. (**Farmers' Bulletin 1076.**) Describes the life history and habits of this insect and suggests methods of control.

The Hessian Fly and How to Prevent Losses from It. By W. R. Walton, Entomologist in Charge, Cereal and Forage Insect Investigations. Pp. 16, figs. 13. Contribution from the Bureau of Entomology. March, 1920. (**Farmers' Bulletin 1083.**)

Suitable for general distribution.

Control of American Foulbrood. By E. F. Phillips, Apiculturist. Pp. 15, figs. 5. Contribution from the Bureau of Entomology, March, 1920. (**Farmers' Bulletin 1084.**)

Suitable for general distribution.

Protection of Potatoes from Cold in Transit—Lining and Loading Cars. Pp. 26, figs. 22. Contribution from the Bureau of Markets, February, 1920. (**Farmers' Bulletin 1091.**)

A revision of Markets Document 17, and of interest to shippers of potatoes.

Prairie Rice Culture in the United States. By Charles E. Chambliss, Agronomist in Charge of Rice Investigations, Office of Cereal Investigations. Pp. 26, figs. 13. Contribution from the Bureau of Plant Industry. February, 1920. (**Farmers' Bulletin 1092.**)

Suitable for distribution in Louisiana, Texas, and Arkansas.

Book-Lice or Psocids, Annoying Household Pests. By E. A. Back, Entomologist in Charge of Stored Product and Household Insect Investigations. Pp. 4. Contribution from the Bureau of Entomology. February, 1920. (**Farmers' Bulletin 1104.**)

Suitable for general distribution.

DEPARTMENTAL BULLETINS—TECHNICAL.

The publications listed below are technical or scientific treatises or bulletins applying to a special industry or locality. The edition is limited, but they will be furnished free to persons who can use such specialized information, as long as the supply lasts. However, to insure prompt receipt, remit price to the Superintendent of Documents.

Waterfowl and Their Food Plants in the Sandhill Region of Nebraska. Part I. Waterfowl in Nebraska. By Harry C. Oberholser, Assistant Biologist. Part II. Wild-Duck Foods of the Sandhill Region of Nebraska. By W. L. McAtee, Assistant Biologist. Pp. 79, pls. 5. Contribution from the Bureau of Biological Survey. (Professional Paper.) Mar. 23, 1920. (**Department Bulletin 794.**) Price, 15 cents.

This report is first of a series designed to present information on the breeding, wintering, and hunting grounds of waterfowl in the United States.

A Study of the Behavior of Bees in Colonies Affected by European Foulbrood. By Arnold P. Sturtevant, Specialist in the Bacteriology of Bee Diseases. Pp. 28, figs. 6. Contribution from the Bureau of Entomology. (Professional Paper.) March 16, 1920. (**Department Bulletin 804.**) Price, 5 cents.

A preliminary report on the beginning of an intensive study of European foulbrood of bees.

American Foulbrood. By G. F. White, Specialist in Insect Diseases. Pp. 46, pls. 8, figs. 9. Contribution from the Bureau of Entomology. (Professional Paper.) Mar. 10, 1920. (**Department Bulletin 809.**) Price, 15 cents.

A technical description and discussion of an infectious disease of the brood of bees caused by *Bacillus larvae*.

A Pink Yeast Causing Spoilage in Oysters. By Albert C. Hunter, Junior Bacteriologist, Microbiological Laboratory. Pp. 24. Contribution from the Bureau of Chemistry. (Professional Paper.) Mar. 10, 1920. (**Department Bulletin 819.**) Price, 5 cents.

Of interest to oyster growers and shippers.

Effect of Temperature on the Resistance of Wounding of Certain Small Fruits and Cherries. By Lon A. Hawkins, Plant Physiologist, and Charles E. Sando, Junior Chemist, Office of Horticultural and Pomological Investigations. Pp. 6, fig. 1. Contribution from the Bureau of Plant Industry. (Professional Paper.) Mar. 6, 1920. (**Department Bulletin 830.**) Price, 5 cents.

Of interest to growers and shippers of berries and cherries.

MISCELLANEOUS.

Proposed Farm Power Studies as Outlined by the Farm Power Conference and the Departmental Committee on Farm Power Projects. Pp. 8, March, 1920. (**Circular 149, Office of the Secretary.**) Price, 5 cents.

Report of a general conference on farm power problems held in Chicago, Oct. 6 and 7, 1919.

How Lumber is Graded. By H. S. Betts, Engineer in Forest Products. Pp. 39, figs. 9. Contribution from the Forest Service. March, 1920. (Department Circular 64.) Price, 5 cents.

A Machine for Trimming Camphor Trees. By G. A. Russell, Expert. Pp. 8, figs. 4. Contribution from the Bureau of Plant Industry, February, 1920. (Department Circular 78.) Price, 5 cents.

Astragalus Tetrapherurus, A New Poisonous Plant of Utah and Nevada. By C. Dwight Marsh and A. B. Clawson, Pathological Division. Pp. 7, figs. 2. Contribution from the Bureau of Animal Industry. January, 1920. (Department Circular 81.) Price, 5 cents.

A New Sheep-Poisoning Plant of the Southern States. By C. Dwight Marsh, Pathological Division. Pp. 4, fig. 1. Contribution from the Bureau of Animal Industry, 1920. (Department Circular 82.) Price, 5 cents.

SERIALS.

Journal of Agricultural Research. (For sale only.) Vol. 18, No. 11, March 1, 1920. Contents: Effect of the Relative Length of Day and Night and Other Factors of the Environment on Growth and Reproduction in Plants. (G-186.) By W. W. Garner and H. A. Allard. Pp. 553-606, pls. 16, figs. 3. Price, — cents.

Note.—Volumes 1 to 4 of the Journal of Agricultural Research were published monthly, volumes 5 to 16 weekly, volume 17 monthly, and volume 18 is being issued semi-monthly. The Journal is distributed free *only* to the libraries of agricultural colleges and experiment stations, to large universities, technical schools, and such institutions as make suitable exchanges with the department. It will not be sent free to individuals. The Superintendent of Documents will receive subscriptions for this publication, the price being \$1.50 per year for domestic circulation and \$2 for foreign circulation.

Experiment Station Record. Vol. 41, No. 9, Abstract Number. Mar. 15, 1920. E. W. Allen, Ph. D., Editor. Pp. 801-900. Price, 15 cents.

Note.—The Record is a technical review of the world's scientific literature pertaining to agriculture. It is not intended for general distribution and its free distribution is restricted to persons connected with the agricultural colleges, experiment stations, and similar institutions, and to libraries and exchanges. It can not be sent free to individuals having no official connection with public institutions. The Superintendent of Documents will receive subscriptions for this publication, which is issued in two volumes a year, 10 numbers each, at \$1 a volume.

Same, Vol. 40, Index Number. Pp. xxvii. 901-1004. Price, 15 cents.

The Monthly Crop Reporter. Vol. 6, No. 3, March, 1920. Pp. 21-32. (Bureau of Crop Estimates.) Price, 25 cents a year.

Contains data relating to agriculture, including estimates of acreage, conditions, yield, prices, and value of crops and live stock.

ANNOUNCEMENT.—Because of the small fund available for printing it has been found necessary to drop from the mailing list of the Monthly Crop Reporter all names of persons who are not actively cooperating with the United States Department of Agriculture. Persons whose names are dropped may subscribe for this publication through the Superintendent of Documents, Washington, D. C., at the domestic rate of 25 cents per year, and 40 cents per year to foreign addresses, payable only by postal money order or cash. No checks accepted.

The Market Reporter. Vol. 1, Nos. 10 to 13, inclusive, March 6, 13, 20, 27, 1920. (Bureau of Markets.) For free distribution to applicants who show the need for it.

The Market Reporter is the official marketing publication of the United States Department of Agriculture. It contains general, current, and statistical marketing information for important classes of agricultural products, both staple and perishable, which is of general interest and of permanent value alike to producers, dealers, and consumers.

Index to the Seed Reporter. Vol. 1, Nos. 1-9; Vol. 2, Nos. 1-12; Vol. 3, Nos. 1-4. November, 1917—October 11, 1919. (Bureau of Markets.) For free distribution.

Weekly News Letter, March, 1920.

Contains a weekly summary in popular form of the more important practical discoveries and recommendations of all bureaus of the department. Free list confined to departmental employees, official cooperators, and the press. May be purchased from the Superintendent of Documents, Government Printing Office, for 50 cents a year.



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PUBLICATIONS OF THE WEATHER BUREAU.

~~127~~ Publications of the Weather Bureau are obtainable only from the Chief of the Weather Bureau or the Superintendent of Documents, Government Printing Office, at the prices noted herein.

Monthly Weather Review. Vol. 47, No. 12, December, 1919. [Mar. 10, 1920.] Pp. 841-911, figs. 8, charts, 17. Price, 25 cents a copy, \$2.50 a year. Payable to the Superintendent of Documents.

-Special articles: A statistical study of weather factors affecting the yield of winter wheat in Ohio. By T. A. Blair.—Predicting minimum temperatures. By J. Warren Smith.—Winter injury of fruit trees.—The work of the U. S. Weather Bureau in the West Indies. By O. L. Fassig.—New form of British daily weather report.—Note on high free-air wind velocities observed December 16 and 17, 1919. By W. R. Gregg.—The prevailing winds of the north Pacific coast. By A. E. Caswell.—Evaporative capacity. By R. E. Norton.—Cultivation does not increase rainfall. By J. Warren Smith.—The distribution of maximum floods. By A. J. Henry.—Determination of meteorological corrections on the ranges of guns. By W. Noll.—Notes on the meteorological service in the German Army.

Same, Supplement No. 16. Predicting Minimum Temperatures from Hydrographic Data. By J. Warren Smith, Meteorologist, and Others. Pp. 76, figs. 53. Price, 25 cents.

National Weather and Crop and Snow and Ice Bulletin. Nos. 9, 10, 11, 12, 13, March, 1920, reporting weather and crop conditions throughout the United States. Issued weekly. Price, 25 cents a year.

NOTE.—This bulletin is furnished free of charge to public and educational institutions, libraries, newspapers, cooperative observers, weather correspondents, and to those who will post or display it for the general benefit of the public. To all others the price is 25 cents per year, payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

NOT AVAILABLE FOR FREE DISTRIBUTION.

The department's supply of the publications listed below is exhausted. Requests for them, together with the remittance, should be sent to the Superintendent of Documents, Government Printing Office.

Beautifying the Farmstead. By F. L. Mulford, Landscape Gardener, Office of Horticultural and Pomological Investigations. Pp. 65, figs. 66. Contribution from the Bureau of Plant Industry. March, 1920. (*Farmers' Bulletin 1087.*) Price, 15 cents.

A suggested arrangement of trees, shrubs, and vines, as well as location of buildings to improve the appearance of farmsteads.

Selection and Care of Clothing. By Laura I. Baldt, Instructor, Department of Textiles and Clothing, Teachers College, Columbia University. Pp. 32, figs. 10. Contribution from the States Relations Service. February, 1920. (*Farmers' Bulletin 1089.*) Price, 5 cents.

Not available for free distribution.

The Genera of Grasses of the United States, with Special Reference to the Economic Species. By A. S. Hitchcock, Systematic Agrostologist. Pp. 307, pls. 20, figs. 174. Contribution from the Bureau of Plant Industry. (*Professional Paper.*) Mar. 20, 1920. (*Department Bulletin 772.*) Price, 40 cents.

This bulletin describes all the genera of grasses that include species that are native, have been introduced, or are cultivated in the United States. Under each genus are given the species that are of economic importance, either as useful or harmful grasses. None for free distribution.

EDWY B. REID,
Chief, Division of Publications.